

1. Unimodularity for groups and manifolds

Presentation

Forgetting the group structure via Schreier graphs, invariant random subgroups in discrete groups can be regarded as random graphs satisfying an invariance property called *unimodularity*. In the continuous setting, one can translate IRSs in Lie groups into random Riemannian manifolds with an ad hoc invariance property, which makes sense beyond the locally symmetric setting.

References

- Ian Biringer, Omer Tamuz, *Unimodularity of Invariant Random Subgroups*, Trans. AMS 2016, [Arxiv version](#).
- Miklós Abért, Ian Biringer, *Unimodular measures on the space of all Riemannian manifolds*, [Arxiv preprint](#).

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